



Amendments to the Claims

Please amend claims 1 and 5 as follows:

1. (Currently Amended) A driving device of a robot cleaner comprising:
 - a robot cleaner body;
 - a pair of motors disposed in the robot cleaner body and driven by respective power supplies;
 - a pair of driving wheels rotating by the pair of motors;
 - a pair of driven wheels following the pair of driving wheels;
 - a driving force transmitting means causing the driving wheels and the driven wheels to move in association with each other;
 - a frame unit disposed in the robot cleaner body to support the pair of driving wheels and the pair of driven wheels; and
 - a shock-absorbing unit disposed in the frame unit to absorb shock occurring from a cleaning surface, the shock-absorbing unit comprising:
 - an upper supporting member,
 - a lower supporting member corresponding to the upper supporting member, and
 - an elastic member disposed between the upper supporting member and the lower supporting member;
- wherein the shock-absorbing unit further comprises a unit shaft penetrating through the upper supporting member, the elastic member, and the lower supporting member.

2. (Original) The driving device as claimed in claim 1, wherein the driving force transmitting means is a timing belt.

3. (Original) The driving device as claimed in claim 1, wherein the frame unit is provided with motor covers, each motor cover being extended from the frame unit in an axial direction of the motor.

4. (Cancelled).

5. (Currently Amended) The driving device as claimed in claim 1, wherein ~~the shock-absorbing unit further comprises a unit shaft penetrating through the upper supporting member, the elastic member, and the lower supporting member and~~ the elastic member is a coil spring.

6. (Original) The driving device as claimed in claim 1, wherein the frame unit comprises:

an upper cover;

a first lower cover disposed at the upper cover; and

a second lower cover connected to the first lower cover and disposed at the upper cover.

7. (Previously Presented) A driving device of a robot cleaner comprising:

a robot cleaner body;

a pair of motors disposed in the robot cleaner body and driven by respective power supplies;

a pair of driving wheels rotating by the pair of motors;

a pair of driven wheels following the pair of driving wheels;

a driving force transmitting means causing the driving wheels and the driven wheels to move in association with each other;

a frame unit disposed in the robot cleaner body to support the pair of driving wheels and the pair of driven wheels; and

a shock-absorbing unit disposed in the frame unit to absorb shock occurring from a cleaning surface;

wherein the frame unit comprises:

an upper cover;

a first lower cover disposed at the upper cover; and

a second lower cover connected to the first lower cover and disposed at the upper cover;

and

wherein the upper cover further comprises a supporting member for supporting the shock-absorbing unit, and an opening is formed in the supporting member.

8. (Previously Presented) A driving device of a robot cleaner comprising:

a robot cleaner body;

a pair of motors disposed in the robot cleaner body and driven by respective power supplies;

a pair of driving wheels rotating by the pair of motors;

a pair of driven wheels following the pair of driving wheels;

a driving force transmitting means causing the driving wheels and the driven wheels to

move in association with each other;

a frame unit disposed in the robot cleaner body to support the pair of driving wheels and the pair of driven wheels; and

a shock-absorbing unit disposed in the frame unit to absorb shock occurring from a cleaning surface;

wherein the frame unit comprises:

an upper cover;

a first lower cover disposed at the upper cover; and

a second lower cover connected to the first lower cover and disposed at the upper cover;

and

wherein the first lower cover has a protrusion formed in a side thereof, and the upper cover has a recess formed therein to allow the protrusion to pivot therein about an axis of the driving wheels.

9. (Original) The driving device as claimed in claim 8, wherein the recess is shaped in an arc.

10. (Original) The driving device as claimed in claim 6, wherein the upper cover is securely disposed at the robot cleaner body.

11. (Previously Presented) A driving device of a robot cleaner comprising:

a robot cleaner body;

a pair of motors disposed in the robot cleaner body and driven by respective power

supplies;

a pair of driving wheels rotating by the pair of motors;

a pair of driven wheels following the pair of driving wheels;

a driving force transmitting means causing the driving wheels and the driven wheels to move in association with each other;

a frame unit disposed in the robot cleaner body to support the pair of driving wheels and the pair of driven wheels; and

a shock-absorbing unit disposed in the frame unit to absorb shock occurring from a cleaning surface;

wherein the frame unit comprises:

an upper cover;

a first lower cover disposed at the upper cover; and

a second lower cover connected to the first lower cover and disposed at the upper cover;

and

wherein the shock-absorbing unit is disposed between the upper cover and the first and the second lower cover and pivots about the axis of the driving wheels together with the driven wheels according a condition of the cleaning surface.

12. (Original) The driving device as claimed in claim 1, wherein the motors are directly connected to the driving wheels which moves the robot cleaner body.

13. (Original) The driving device as claimed in claim 1, wherein the driving wheels and the driven wheels have saw-serrated outer circumferences, respectively.